TEN00030-01

Operation & Maintenance Manual

GALEO

PC228US-3
PC228USLC-3

HYDRAULIC EXCAVATOR

SERIAL NUMBERS PC228US-3 30001 and up
PC228USLC-3 30001 and up

July 2005

KOMATSU

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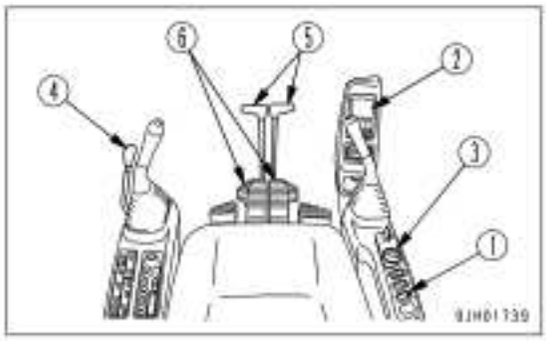
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MACHINE OPERATION

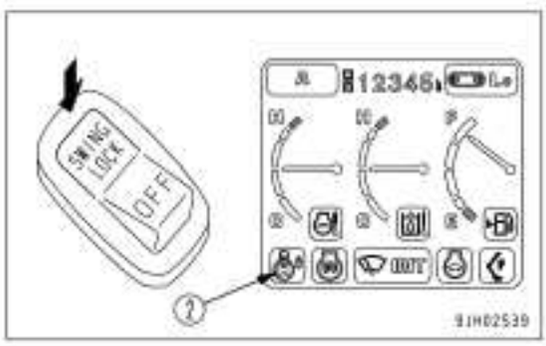
Preparations for Moving the Machine

⚠ WARNING

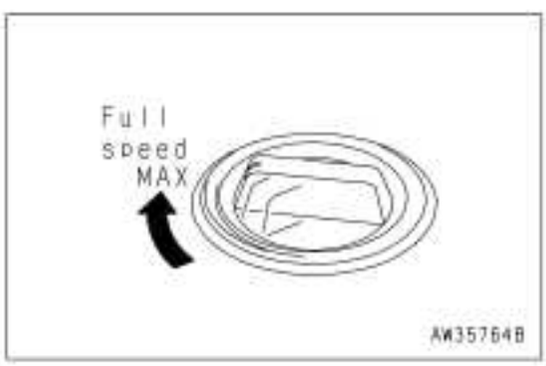
- Before operating the steering levers, check the direction of the track frame.
  If the sprocket is at the front, the operation of the travel levers is reversed.
- When moving the machine, check that the area around the machine is safe, and always sound the horn before moving.
- Do not allow anyone in the area around the machine.
- Remove all obstacles from the travel path of the machine.
- The rear of the machine is a blind spot, be extremely careful when traveling in reverse.
- If the lever is moved inside the deceleration range, engine speed will rise suddenly. Operate the levers carefully.
- For machines equipped with a travel alarm, check that the warning equipment works properly.



1. Set swing lock switch (1) to the ON (actuated) position and confirm that swing lock monitor lamp (2) lights up.



2. Turn fuel control dial (3) towards the full speed position to increase the engine speed.



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MAINTENANCE PROCEDURE

INITIAL 250 HOURS MAINTENANCE (ONLY AFTER THE FIRST 250 HOURS)

Carry out the following maintenance only after the first 250 hours of operation on new machines.

- Replace fuel filter cartridge
- Check engine valve clearance, adjust

  Special tools are needed for inspection and maintenance, so contact your Komatsu distributor.

For details of the method of replacing or maintaining, see EVERY 500 HOURS, EVERY 1000 HOURS and EVERY 2000 HOURS SERVICE.

INITIAL 1000 HOURS MAINTENANCE (ONLY AFTER THE FIRST 1000 HOURS)

Carry out the following maintenance only after the first 1000 hours of operation on new machines.

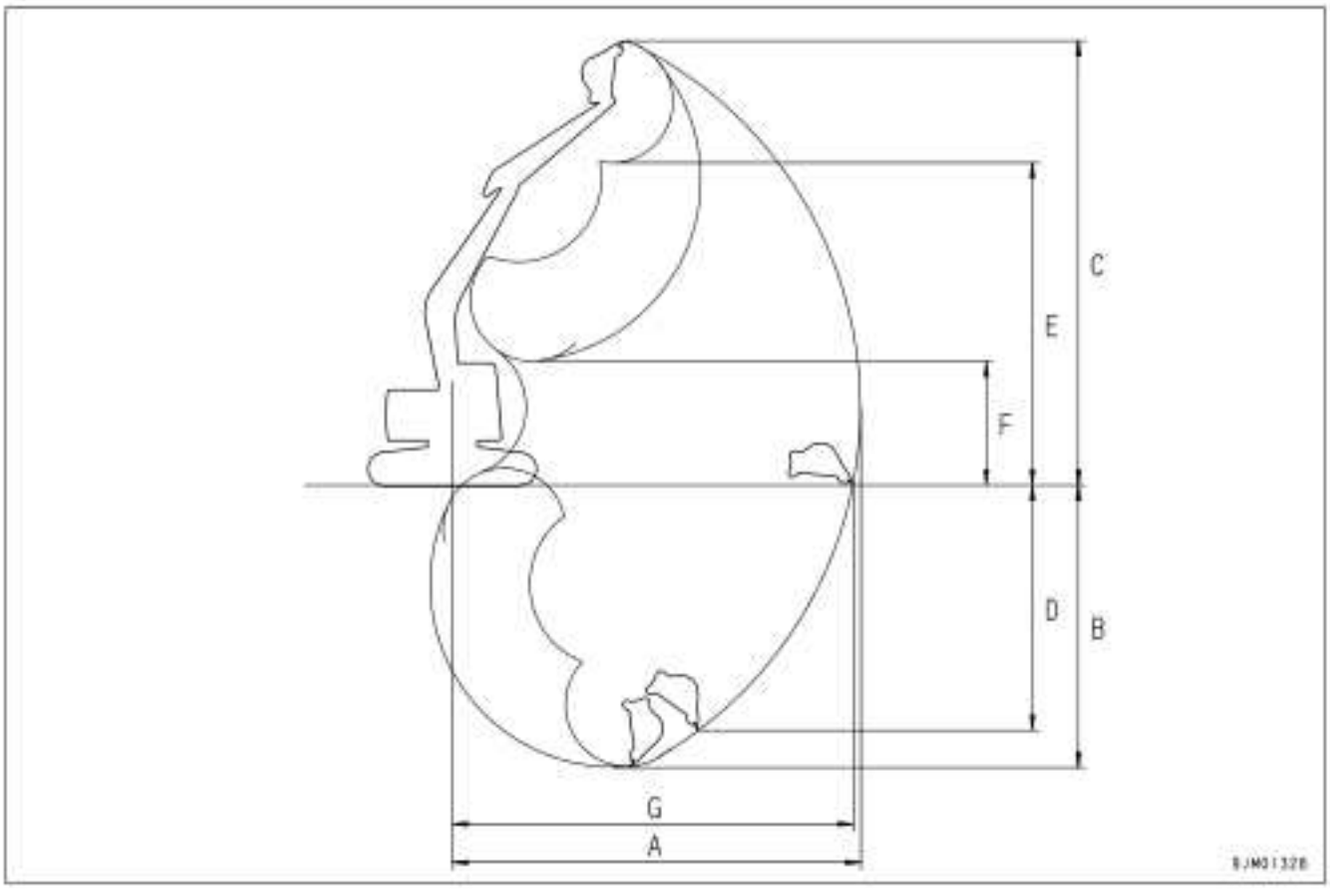
- Check engine valve clearance, adjust

  Special tools are needed for inspection and maintenance, so contact your Komatsu distributor.

For details of the method of replacing or maintaining, see the section on EVERY 2000 HOURS SERVICE.

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	Working ranges	Unit	PC228US-3	PC228USLC-3
A	Max. digging reach	mm (ft in)	9,875 (32' 5")	
B	Max. digging depth	mm (ft in)	6,620 (21' 9")	
C	Max. digging height	mm (ft in)	10,700 (35' 1")	
D	Max. vertical wall depth	mm (ft in)	5,980 (19' 7")	
E	Max. dumping height	mm (ft in)	7,825 (25' 8")	
F	Min. dumping height	mm (ft in)	2,940 (9' 8")	
G	Max. reach at ground level	mm (ft in)	9,700 (3' 10")	



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